

IN THE ABSTRACT

Please replace the abstract in its entirety with the following:

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The present invention is a method for operating a base station (BS) for transmitting information to a subscriber unit (SU) in a cellular communication system. The information is included in a downlink signal sent from a signal processing circuit through an array of antennae. The processing depends on a weight set that is utilized in generating individual signals to be sent on individual antennae in the array to the SU. The weight set is determined by transmitting a plurality of pilot downlink signals from the BS to the SU, each pilot downlink signal being processed with a different weight set than that used to process the other pilot downlink signals. Report signals are received for each of the pilot downlink signals and are compared to determine which weight set should be utilized. The present invention may be practiced within existing CDMA cellular standards such as the IS-95 standard.

CONCLUSION

In light of the foregoing amendments as suggested in the Ex Parte Quayle Action, Applicant respectfully submits that this application is in condition for allowance. The Examiner is respectfully requested to contact the undersigned by telephone if it is believed that such contact would further the examination of the present application.

Please charge any shortages and credit any overcharges to our Deposit Account number 02-2666.

Respectfully submitted,
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